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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/643,831			
Filing Date	August 19, 2003			
First Named Inventor	McMurray			
Art Unit	3644			
Examiner Name	Charles T. Jordan			
Attorney Docket Number	R087.1270.1			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
110	, A	<sup>US-</sup> 3,961,580	06/08/1976	Burnett et al.	
110	В	<sup>US-</sup> 5,150,909	09/29/1992	Fitzwater	
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		FOREI	GN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>6</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	To
	C	FR 812 680 A	05/14/1937	Societe Brevets		
	D	FR 1 257 337 A	03/13/1961	Devaux		
	E	DE 87 07 244 U	09/10/1987	Muller et al.		
	F	EP 0 262 574 A	04/06/1988	Branscomb		
	G	DE 198 32 034 A	01/21/1999	Eley Ltd.		

Examiner Signature	1 Cy	Date Considered	12/26/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 801.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language

Translation is attached.

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FTW	A	US- 2,978,742	04/11/1961	Bliemeister	
1	В	<sup>US-</sup> 3,062,145	11/06/1962	Morgan et al.	
	C	US- 3,677,669	07/18/1972	Bliemeister	
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	E	<sup>US-</sup> 4,892,861	01/09/1990	Ray	
	F	<sup>US-</sup> 4,920,888	05/01/1990	Luther et al.	
1/	G	US- 5,127,332	07/07/1992	Corzine et al.	
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17N	ı	<sup>US-</sup> 5,187,325	02/16/1993	Garvison	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (# known)	MM-DD-YYYY	,		
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Signature		Considered	1///	26/06
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